



North Dakota

# FARM REPORTER

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## IN THIS ISSUE

*Number of Farms*

*Agricultural Prices*

*ND's Rank in Agriculture*

*Honey Production*

## NUMBER OF FARMS

The number of farms and ranches in North Dakota during 2003 is estimated at 30,300, down from the revised 30,500 in 2002. All land in farms totaled 39.4 million acres, which has remained the same since 1999.

The number of farms, at 30,300, is the lowest level since estimates were first started in 1910 when there were 74,400 farms. North Dakota farm numbers peaked in 1933, at 86,000. All land in farms, estimated at 39.4 million acres, is 3.3 million acres below the high of 42.7 million acres set in the period of 1950-1954.

Small farms with sales of \$1,000-\$9,999 increased 200 operations from 2002 to 8,800 and farms with sales of \$10,000-\$99,999 declined by 600 operations to 12,000. Farms with sales of \$100,000 or more increased 200 operations from 2002 to 9,500. Within that category, the number of farms with sales of \$100,000-\$249,999 was estimated at 5,500, farms with \$250,000-\$499,999 were estimated at 2,600, and farms with \$500,000 or more sales were estimated at 1,400. Number and land in farms are now available by the expanded sales classes over \$100,000 back to 1998.

A farm and ranch is defined as any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. Government payments are included as sales. The annual estimate includes farms with their entire acreage enrolled in the Conservation Reserve Program or other government programs.

## NUMBER OF FARMS BY ECONOMIC SALES CLASS, 1998-2003

Year	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000+	Total
--- Number ---						
<b>NORTH DAKOTA</b>						
1998	8,300	14,000	6,100	2,050	750	31,200
1999	8,400	13,800	5,900	2,100	800	31,000
2000	8,400	13,400	5,700	2,300	1,000	30,800
2001	8,500	13,000	5,600	2,400	1,100	30,600
2002	8,600	12,600	5,600	2,500	1,200	30,500
2003	8,800	12,000	5,500	2,600	1,400	30,300
<b>UNITED STATES</b>						
1998	1,184,380	651,400	192,910	92,120	71,520	2,192,330
1999	1,187,390	648,710	188,340	90,940	71,900	2,187,280
2000	1,183,480	638,380	182,900	89,370	72,650	2,166,780
2001	1,189,920	621,490	176,290	87,400	73,530	2,148,630
2002	1,201,840	604,570	168,820	86,550	73,580	2,135,360
2003	1,199,270	600,530	167,230	86,550	73,280	2,126,860

## LAND IN FARMS BY ECONOMIC SALES CLASS, 1998-2003

Year	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000+	Total	Average Size of Farms
--- 1,000 Acres ---							- Acres -
<b>NORTH DAKOTA</b>							
1998	3,400	14,000	12,800	6,400	2,900	39,500	1,266
1999	3,400	13,900	12,300	6,500	3,300	39,400	1,271
2000	3,400	13,500	11,900	6,700	3,900	39,400	1,279
2001	3,300	12,700	11,900	7,100	4,400	39,400	1,288
2002	3,000	11,800	11,600	7,500	5,500	39,400	1,292
2003	3,000	11,200	11,500	7,900	5,800	39,400	1,300
<b>UNITED STATES</b>							
1998	131,000	285,825	203,445	145,205	186,605	952,080	434
1999	129,810	282,565	201,005	146,245	188,835	948,460	434
2000	128,320	279,265	198,705	147,295	191,495	945,080	436
2001	127,090	274,895	197,065	148,605	194,415	942,070	438
2002	126,625	271,155	196,305	149,170	197,045	940,300	440
2003	124,780	270,055	196,145	150,135	197,635	938,750	441

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## AGRICULTURAL PRICES

### North Dakota

The Index of Prices Received for All Farm Products in February is 113 percent of the 1990-1992 base. This is up 5 percent from last year and 19 percent above two years ago. The All Crops Index, at 114 percent of the base, is up 2 percent from February 2003, and the All Livestock Index, at 108 percent, is up 15 percent from last year.

#### INDEX NUMBERS OF FARM PRICES, February 2004

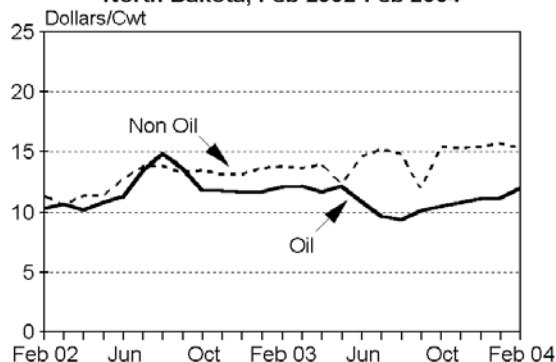
Indexes and Ratios	NORTH DAKOTA			UNITED STATES		
	Feb 2003	Jan 2004	Feb 2004	Feb 2003	Jan 2004	Feb 2004
	(1990-92 = 100)					
PRICES RECEIVED						
ALL FARM PRODUCTS	108	114	113	99	111	113
CROPS	112	115	114	104	113	115
Food Grains	124	119	118	106	123	119
Feed Grains & Hay	118	111	112	106	105	110
Oil Bearing Crops <sup>1</sup>	109	125	134	100	130	142
Potatoes & Dry Beans <sup>2</sup>	93	96	86	111	97	97
LIVESTOCK	94	111	108	95	110	111
Meat Animals	93	115	111	95	104	104
Dairy Products	102	95	102	87	101	102
Other Livestock Products <sup>3</sup>	92	92	92	104	133	139
PRICES PAID				128	130	130
RATIO <sup>4</sup>				77	85	87

<sup>1</sup> Includes non-oil sunflower. <sup>2</sup> North Dakota includes sugarbeets. <sup>3</sup> United States excludes wool. <sup>4</sup> Ratio of Index of Prices Received to Index of Prices Paid.

### United States

The February All Farm Products Index is 113 percent of its 1990-92 base, up 2 percent from the January index and up 14 percent from the February 2003 index. The All Crops Index is 115, up 2 percent from January and 11 percent above February 2003. The Livestock and Products Index, at 111, is up 1 percent from last month and up 17 percent from February 2003.

#### Sunflower Prices Received by Farmers North Dakota, Feb 2002-Feb 2004



#### PRICES RECEIVED BY FARMERS, February 2004

Commodity	Unit	NORTH DAKOTA			UNITED STATES			Effective U.S. Parity Price Feb 2004
		Entire Month		Preliminary	Entire Month		Preliminary	
		Feb 2003	Jan 2004	Feb 2004	Feb 2003	Jan 2004	Feb 2004	
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Wheat, All	Bu	3.89	3.63	3.70	3.70	3.68	3.68	9.76
Durum	Bu	4.17	3.96	4.05	4.28	3.97	4.03	
Other Spring	Bu	3.76	3.59	3.65	3.82	3.66	3.75	
Winter	Bu	3.52	3.27	3.20	3.52	3.66	3.60	
Corn	Bu	2.17	2.18	2.40	2.34	2.39	2.55	6.56
Rye	Bu		2.15					6.11
Oats	Bu	1.83	1.34	1.30	2.11	1.46	1.51	3.82
Barley, All	Bu	2.87	2.55	2.50	2.87	2.71	2.62	6.50
Feed	Bu	1.96	1.91	1.90	2.20	2.15	2.13	
Malting	Bu	3.06	2.77	2.70	3.06	2.97	2.88	
Sunflower, All	Cwt	12.50	12.10	12.70	12.50	12.10	12.40	
Oil	Cwt	12.10	11.20	12.00				
Non-oil	Cwt	13.80	15.70	15.30				
Baled Hay, All <sup>1</sup>	Ton	63.00	53.00	54.00	91.40	79.30	79.90	
Alfalfa <sup>1</sup>	Ton	71.00	58.00	59.00	96.20	83.60	84.70	
Other <sup>1</sup>	Ton	48.00	39.00	43.00	81.70	71.40	69.90	
Canola <sup>2</sup>	Cwt		11.00					
Flaxseed	Bu	6.25	6.15	6.20	6.25	6.09	6.20	12.60
Soybeans	Bu	5.39	6.75	7.80	5.55	7.34	7.99	15.40
Dry Edible Beans, All	Cwt	12.50	15.30	15.20	19.20	17.00	19.60	50.50
Navy	Cwt	9.52	15.70					
Pinto	Cwt	12.60	15.30					
Potatoes, All	Cwt	6.15	5.80	4.70	6.33	5.75	5.62	14.80
Fresh <sup>3</sup>	Cwt	8.35	5.40		8.18	6.20		
Processing	Cwt	5.15	5.90		5.32	5.36		
Beef Cattle	Cwt	71.80	86.90	84.00	73.90	80.90	77.80	165.00
Steers & Heifers	Cwt	76.60	90.60	90.00	78.20	85.40	81.60	
Cows	Cwt	39.90	49.90	50.00	38.90	46.10	46.20	
Calves	Cwt	89.40	113.00	111.00	97.20	110.00	110.00	221.00
Sheep	Cwt	36.00	43.00		44.00	43.80		81.30
Lambs	Cwt	91.00	102.00		92.40	104.00		195.00
Hogs	Cwt	37.10	39.50		34.30	36.80	43.20	102.00

<sup>1</sup> Alfalfa, other and all hay are preliminary prices only. <sup>2</sup> Monthly price added July 2003. <sup>3</sup> Fresh market prices only, includes table stock.

## NORTH DAKOTA'S RANK IN AGRICULTURE

Farmers and ranchers in the state maintained North Dakota's #1 ranking in the production of spring and durum wheat, barley, canola, pinto and navy beans, dry edible peas, flaxseed and sunflower in 2003 compared to other states. Oat production in North Dakota moved to first place in 2003, up from fourth place last year. North Dakota remained the second highest all wheat producing state in 2003, behind Kansas.

Durum wheat production in North Dakota accounted for 60 percent of the U.S. total, down from 61 percent in 2002 while spring wheat accounted for 47 percent, up from 42 percent last year. Canola production accounted for

90 percent of the U.S. total compared to 92 percent in 2002. Pinto bean production accounted for 56 percent of the U.S. total, unchanged from last year while navy bean production increased to 46 percent from 44 percent in 2002. Sunflower, dry edible peas, barley and oat production accounted for 57, 53, 43 and 15 percent of the U.S. total, respectively.

North Dakota's honey production dropped to second place in 2003 just behind California. North Dakota bee colonies produce 16 percent of the U.S. production, up from 14 percent in 2002. Sugarbeet production rank remained in third place, behind Minnesota and Idaho.

## NORTH DAKOTA'S 2003 RANK AMONG STATES

Ranks . . .	Percent of Nation's Production . . .
<b>#1</b>	<b>Spring Wheat . . . . . 47%</b>
	<b>Durum Wheat . . . . . 60%</b>
	<b>Barley . . . . . 43%</b>
	<b>Oats . . . . . 15%</b>
	<b>Canola . . . . . 90%</b>
	<b>All Sunflower . . . . . 57%</b>
	<b>Oil Sunflower . . . . . 59%</b>
	<b>Non-oil Sunflower . . . . . 48%</b>
	<b>Flaxseed . . . . . 95%</b>
	<b>All Dry Edible Beans . . . . . 35%</b>
	<b>Navy Beans . . . . . 46%</b>
	<b>Pinto Beans . . . . . 56%</b>
	<b>Dry Edible Peas . . . . . 53%</b>
<b>#2</b>	<b>All Wheat . . . . . 14%</b>
	<b>Lentils . . . . . 26%</b>
	<b>Honey . . . . . 16%</b>
<b>#3</b>	<b>Sugarbeets . . . . . 17%</b>
	<b>Rye . . . . . 8%</b>
<b>#4</b>	<b>Potato . . . . . 6%</b>
	<b>Principal Crops Harvested . . . 7%</b>

## THE 10 LEADING STATES AND NORTH DAKOTA'S RANK

Item	1	2	3	4	5	6	7	8	9	10	North Dakota's Rank	Percent of Nation <sup>1/</sup>
<b>CROP PRODUCTION - 2003</b>												
Corn, Grain	IA	IL	NE	MN	IN	OH	SD	WI	MO	KS	14	1
Silage	WI	NY	CA	PA	MN	IA	SD	NE	ID	OH	21	1
Wheat, Durum	ND	MT	CA	AZ	SD	MN					1	60
Spring	ND	MN	MT	SD	ID	WA	OR	CO	UT	NV	1	47
Winter	KS	OK	WA	TX	NE	CO	OH	MT	SD	ID	28	*
All	KS	ND	OK	WA	MT	SD	MN	TX	ID	NE	2	14
Oats	ND	MN	SD	WI	IA	NE	PA	TX	MI	KS	1	15
Barley	ND	ID	MT	WA	MN	CO	WY	PA	OR	CA	1	43
Rye	OK	GA	ND	SD							3	8
Flaxseed	ND	MT	MN	SD							1	95
Potatoes	ID	WA	WI	ND	CO	MN	OR	CA	ME	MI	4	6
Sugarbeets	MN	ID	ND	MI	CA	MT	NE	WY	CO	OR	3	17
Soybeans	IL	IA	MN	IN	NE	OH	MO	SD	AR	ND	10	4
Dry Edible Beans, Navy	ND	MN	MI	ID	SD	NE	WY	OR			1	46
Pinto	ND	NE	CO	ID	WY	MN	KS	MT	NM	WA	1	56
All	ND	NE	MI	MN	ID	CA	CO	WY	WA	TX	1	35
Dry Edible Peas	ND	WA	ID	MT	OR						1	53
Lentils	WA	ND	ID	MT							2	26
Sunflower, Oil	ND	SD	KS	MN	CO	NE	TX				1	59
Non-oil	ND	MN	TX	CO	SD	KS	NE				1	48
All	ND	SD	KS	MN	CO	TX	NE				1	57
Canola	ND	MN									1	90
Hay, Alfalfa	CA	NE	SD	IA	ID	MN	WI	KS	MT	MI	12	3
All Other	TX	MO	KY	TN	OK	KS	VA	AR	PA	NE	16	2
All	TX	CA	MO	NE	SD	KS	KY	IA	MN	OK	14	3
Total Acreage												
Principal Crops Planted	IA	TX	IL	KS	ND	MN	NE	SD	MO	IN	5	7
Principal Crops Harvested	IA	IL	KS	ND	MN	TX	NE	SD	MO	IN	4	7
Grain Storage, December 1												
On-Farm Capacity	IA	MN	IL	NE	ND	IN	SD	MO	OH	KS	5	6
Off-Farm Capacity	IL	IA	KS	NE	TX	MN	IN	OH	OK	ND	10	3
<b>LIVESTOCK ON HAND - JANUARY 1, 2004</b>												
All Cattle & Calves	TX	KS	NE	CA	OK	MO	SD	IA	WI	MT/MN/CO	17	2
Cattle & Calves on Feed	TX	KS	NE	CO	IA	CA	SD	OK	MN	ID	23	*
Cows That Have Calved	TX	CA	MO	OK	NE	SD	KS	WI/MT		KY	15	2
Milk	CA	WI	NY	PA	MN	ID	NM	TX	MI	OH	34	*
Beef	TX	MO	OK	NE	SD	KS	MT	KY	TN	IA	13	3
All Hogs - December 1, 2003	IA	NC	MN	IL	IN	MO	NE	OK	KS	OH	27	*
All Sheep & Lambs	TX	CA	WY	SD	CO	MT	UT	ID	IA	OR	17	2
<b>LIVESTOCK PRODUCTION - 2003</b>												
Calf Crop	TX	MO	CA	OK	NE	SD	KS	MT	WI	IA	13	3
Lamb Crop	TX	WY	SD	MT	CA	UT/ID		IA	CO	OR	16	2
Pig Crop	NC	IA	MN	IL	OK	NE	MO	IN	KS	OH	25	*
Turkeys Raised	MN	NC	AR	MO	VA	CA	SC	IN	PA	IA	16	*
Wool Production	TX	WY	CA	SD	MT	CO	UT	ID	IA	NM	14	2
Honey Production	CA	ND	FL	SD	MN	MT	TX	WI	NY	MI	2	16

\* Less than one-half of one percent. 1/ North Dakota's percent of the Nation's total.

# HONEY PRODUCTION

## North Dakota

Honey production in 2003 from North Dakota producers with five or more colonies totaled 29.58 million pounds, up 23 percent from 2002. North Dakota dropped to second place position in total honey production, just behind California, which produced 32.16 million pounds.

There were 340,000 honey producing colonies in North Dakota during 2003, up 20,000 from 2002. Yield per colony averaged 87 pounds, up from 75 pounds in 2002. The highest yield on record was 142 pounds in 1972.

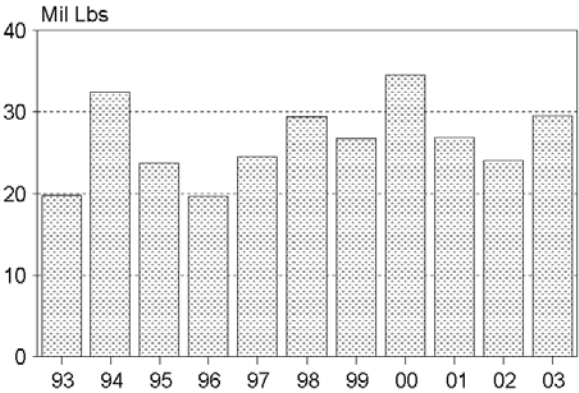
Producer honey stocks were 6.80 million pounds on December 15, 2003, down from 8.16 million pounds a

year earlier. Prices for the 2003 crop averaged 136 cents per pound, down 10 cents from 2002. Prices were based on sales to private processors and cooperatives and retail sales by producers.

## United States

Honey production in 2003 from producers with five or more colonies totaled 181 million pounds, up 5 percent from 2002. There were 2.59 million colonies producing honey in 2003, up 1 percent from 2002. Yield per colony averaged 69.9 pounds, up 5 percent from the 66.7 pounds in 2002. Producer honey stocks were 40.7 million pounds on December 15, 2003, up 3 percent from a year earlier.

**Honey Production  
North Dakota, 1993-2003**



Honey prices increased to a record high during 2003 to 140.4 cents, up 6 percent from 132.7 cents in 2002. Prices are based on retail sales by producers and sales to private processors and cooperatives. Some 2002 crop honey was sold at the higher prices in 2003, which caused some revisions to the 2002 crop prices.

## HONEY PRODUCTION AND STOCKS ON HAND

State <sup>1/</sup>	Producing Colonies		Yield Per Colony		Production		Stocks on Hand Dec. 15 <sup>2/</sup>		Average Price Per Pound		Value of Production	
	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003
	-- 1,000 --		-- Pounds --		-- 1,000 Pounds --				-- Cents --		- 1,000 Dollars -	
NORTH DAKOTA	320	340	75	87	24,000	29,580	8,160	6,803	146	136	35,040	40,229
California	470	480	50	67	23,500	32,160	3,525	6,432	132	142	31,020	45,667
Florida	220	210	93	71	20,460	14,910	2,026	1,491	114	135	23,324	20,129
Minnesota	117	120	73	83	8,541	9,960	1,110	1,892	147	146	12,555	14,542
Montana	134	145	63	66	8,442	9,570	1,097	1,914	138	148	11,650	14,164
South Dakota	225	200	51	70	11,475	14,000	2,410	2,520	142	146	16,295	20,440
UNITED STATES	2,574	2,590	66.7	69.9	171,718	181,096	39,393	40,735	132.7	140.4	228,338	255,791

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